

# Abelian Varieties and Schemes

14Kxx

- [1] Nils Bruin, E. Victor Flynn, Josep González, and Victor Rotger, *On finiteness conjectures for endomorphism algebras of abelian surfaces*, Math. Proc. Cambridge Philos. Soc. **141** (2006), no. 3, 383–408. MR MR2281405
- [2] Robert Carls, David Kohel, and David Lubicz, *Higher-dimensional 3-adic CM construction*, J. Algebra **319** (2008), no. 3, 971–1006. MR MR2379090
- [3] John Cullinan, *Local-global properties of torsion points on three-dimensional abelian varieties*, J. Algebra **311** (2007), no. 2, 736–774. MR MR2314732 (2008b:14077)
- [4] Arsen Elkin and Yuri G. Zarhin, *Endomorphism algebras of hyperelliptic Jacobians and finite projective lines*, J. Ramanujan Math. Soc. **21** (2006), 169–187. MR MR2244543
- [5] Eyal Z. Goren and Kristin E. Lauter, *The distance between superspecial abelian varieties with real multiplication*, J. Number Theory **129** (2009), no. 6, 1562–1578. MR MR2521493
- [6] Hans-Christian Graf v. Bothmer, *Finite field experiments*, Higher-dimensional Geometry over Finite Fields, NATO Sci. Peace Secur. Ser. D Inf. Commun. Secur., vol. 16, IOS, Amsterdam, 2008, pp. 1–62. MR MR2484075 (2009m:14032)
- [7] Everett W. Howe and Hui June Zhu, *On the existence of absolutely simple abelian varieties of a given dimension over an arbitrary field*, J. Number Theory **92** (2002), no. 1, 139–163. MR MR1880590 (2003g:11063)
- [8] Rafe Jones and Jeremy Rouse, *Iterated endomorphisms of abelian algebraic groups*, Proc. London Math. Soc. **100** (2010), 763–794.
- [9] Gilles Lachaud and Christophe Ritzenthaler, *On a conjecture of Serre on abelian threefolds*, Algebraic Geometry and its applications, Proceedings of the First SAGA conference, Papeete, France 2007, 2008, pp. 1–28.
- [10] N. I. Shepherd-Barron, *Perfect forms and the moduli space of abelian varieties*, Invent. Math. **163** (2006), no. 1, 25–45. MR MR2208417